



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

## Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
P0041405	TWM001-VU	1	1	Net 30	M2024T3T1.000W.065	2024T3 Tubing 1" OD x 0.65" Thick : MATERIAL: 2024-T3 SEAMLESS ALUMINUM TUBING SPECIFICATION: WW-T-700/3, AMS 4088 OR AMS-WW-T- 700/3 OR ASTM B210 receive ft				312	11/25/2019	312		\$132394	Stock	11/27/2018	\$ 7.50 / ft	1		\$2,340.00	TW Metals
										<b>Total:</b>		<b>312</b>								<b>\$2,340.00</b>	

Plex 11/28/2018 8:37 AM dart.Tollis.Andrew



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

## PURCHASE ORDER PO041405

**Supplier:** TWM001-VU  
TW Metals  
PO Box 933014  
Atlanta, GA 31193-3014 USA  
Phone: 585 768 5600  
Fax: 585 768 5601

**PO No:** PO041405  
**PO Date:** 10/22/18  
**Due Date:** 11/9/18  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

*REPRINT*

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground  
**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

### Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		M2024T3T1.000W.065		2024T3 Tubing 1" OD x 0.65" Thick : MATERIAL: 2024-T3 SEAMLESS ALUMINUM TUBING SPECIFICATION; WW-T-700/3, AMS 4088 OR AMS-WW-T-700/3 OR ASTM B210 receive ft	Firmed	-	11/25/19	312 ft	312 ft	312 ft	\$7.50/ft	\$2,340.00
Line Item Note 26 pcs of 12 ft												
											Grand Total:	\$2,340.00

### Order Notes

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

*CL*

Plex 11/28/18 8:07 AM dart.lavoie.chantal



O'Neal High-Performance Metals Group



Packing  
Slip

ORDER NO.: 80970737

FROM: CHIC

PAGE 1

CUST NUMBER: 1203820 NET WGT: 151.292 REQ.DATE: 11/09/18 EARLY  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: MIKE ANDERSON SHIP BY: 11/06/18  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PO041405 RELEASE NO.:  
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH  
0001 43260 D2024-T3 1 OD X .065 WA 12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	312.000 FT	312.000 FT	312.000 FT	71.436	26

PART#: M2024T3T1.000W.065

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49394608 HT:F002819470001 PC: 26 CUSTOMER QTY: 312.000 UOM FT  
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:227053

0002 38420 SMLS 304/L A-312 3/8 SCH 40 17/24 FT

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	20.000 FT	23.167 FT	23.167 FT	13.271	1

PART#: M304P0.675W.091

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00  
PO:49383265 HT:11P046 PC: 1 CUSTOMER QTY: 23.167 UOM 1  
MLT:CHINA MFG:CHINA SLB/CL:LWMK92

0003 37241 SMLS CD 304/L A269 1-1/4 X .120WA 20 FT

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	40.000 FT	40.000 FT	40.000 FT	57.917	2

PART#: M304RT1.250W.125

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



O'Neal High-Performance Metals Group



Packing  
Slip

ORDER NO.: 80970737

FROM: CHIC

PAGE 2

CUST NUMBER: 1203820 NET WGT: 151.292 REQ.DATE: 11/09/18 EARLY  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: MIKE ANDERSON SHIP BY: 11/06/18  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PO041405 RELEASE NO.:  
RECEIVING PHONE:

LINE ITEM DESCRIPTION WIDTH LENGTH  
PO:49385117 HT:M180219AS15 PC: 2 CUSTOMER QTY: 40.000 UOM FT  
MLT:CHINA MFG:CHINA SLB/CL:-

0004 41723 D6061-T6 5/16 OD X .058 WA 12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	108.000 FT	108.000 FT	108.000 FT	5.897	9

PART#: M6061T6T0.3125W.058

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49380591 HT:2927553 PC: 9 CUSTOMER QTY: 108.000 UOM FT  
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:2927553

0005 42588 D6061-T6 5/8 OD X .125 WA 12 FT ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	12.000 FT	12.000 FT	12.000 FT	2.771	1

PART#: M6061T6T0.625W.125

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49383418 HT:F002625360001 PC: 1 CUSTOMER QTY: 12.000 UOM FT  
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:225211

BROKERS KUEHNE AND NAGEL LTD

----- PACK INFO -----					
AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH HGHT
YRC	REDDICRATE	1.000	121.000	8.0000	150.0000 8
				CUBIC FT	5.5556

THANK YOU FOR THIS ORDER

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O'Neal High-Performance Metals Group



# Packing Slip

ORDER NO.: 80970737

FROM: CHIC

PAGE 3

CUST NUMBER: 1203820	NET WGT: 151.292	REQ.DATE: 11/09/18	EARLY
SOLD TO:	SHIP TO:		
DART AEROSPACE LTD	DART AEROSPACE LTD		
1270 ABERDEEN ST	1270 ABERDEEN ST		
HAWKESBURY ON	HAWKESBURY ON		
CANADA	ONTARIO CANADA		
	CN K6A 1K7		CN K6A 1K7

SALESPERSON: MIKE ANDERSON	SHIP BY: 11/06/18
TERMS: NET 30 DAYS	VIA: COMMON CARRIER
F.O.B.: SHIPPING POINT	FREIGHT: PREPAID
CUST ORD NO.: PO041405	RELEASE NO.:
	RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH	
YRC	REDDICRATE	1.000	129.000	4.0000 284.0000 4
				CUBIC FT 2.6296
-----		2.000	250.000	

BY: RR  
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

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O'Neal High-Performance Metals Group



Packing  
Slip

ORDER NO.: 80970737

FROM: CHIC

PAGE 4

CUST NUMBER: 1203820 NET WGT: 151.292 REQ.DATE: 11/09/18 EARLY  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7  
  
SALESPERSON: MIKE ANDERSON SHIP BY: 11/06/18  
TERMS: NET 30 DAYS 235 TUBEWAY  
F.O.B.: SHIPPING POINT CAROL STREAM IL 60188  
CUST ORD NO.: PO041405  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk *Ruth Rogers* Date: 11/19/18

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

THANK YOU FOR THIS ORDER

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



# KAISER ALUMINUM FABRICATED PRODUCTS

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: M49394608-1		CUSTOMER PART NUMBER: 43260		PRODUCT DESCRIPTION: Drawn Seamless Tube/Pipe	
KAISER ORDER NUMBER: 227053	LINE ITEM: 001	SHIP DATE: 09/28/2018	KAISER LOT NUMBER: F00281947	ALLOY: 2024	TEMPER: T3
WEIGHT SHIPPED: 379.000 LB	QUANTITY: 138.000 PCS	B/L NUMBER: 231219	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO:  TW METALS INC 235 WEST TUBEWAY DRIVE CAROL STREAM, IL 60188 USA			SOLD TO:  TW METALS INC 760 CONSTITUTION DRIVE SUITE 204 EXTON, PA 19341 USA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00281947	0001	0001	71.4	50.0	24.5	N/A	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.50	0.50	4.90	0.90	1.80	0.10	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.00	0.00	3.80	0.30	1.20	0.00	0.00	0.00	NA	NA	NA	0.00	0.00
D32229	.13	.19	4.55	.77	1.36	.01	.14	.03	.00	.00	.01	.01	.02

### Applicable Requirements:

Description: OD: 1.0000"; Wall: 0.0650"; Round @  
AMS4088K AMS-WW-T-700/3A ASTM B210-12  
This Product Complies to FAR BAA, DFARS BAA, FAR TAA  
COMPLIES TO DIN EN 10204 JAN 2005  
No Weld Repair. Mercury Free.



### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA  
MATERIAL COMPLIES WITH FAR BAA (FAR 52.225-1, BUY AMERICAN ACT- SUPPLIES), DFARS BAA  
(DFARS 252.225-7001 BUY AMERICAN ACT & BAL OF PAYMENTS PROG), AND FAR TAA (FAR 52.225-5  
TRADE AGREEMENTS).

Plant Serial: 00029646  
Kaiser Order Number: 227053  
Line Item: 001

c

# **KAISER**

## **ALUMINUM**

### **FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
6573 W. WILLIS ROAD  
CHANDLER, AZ 85226

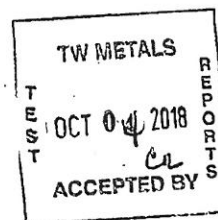
## **CERTIFIED TEST REPORT**

<http://Online.KaiserAluminum.com>

### **CERTIFICATION**

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Hans Kattentidt, Quality Manager



Plant Serial: 00029646  
Kaiser Order Number: 227053  
Line Item: 001

C

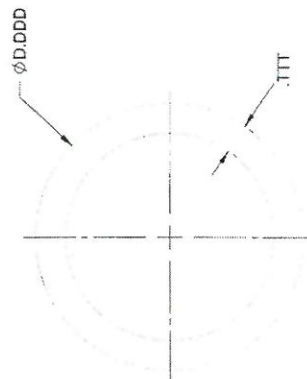


1  
2  
3  
4  
5  
6  
7

SPECIFICATION: WW-T-700/3, AMS 4088  
OR AMS-WW-T-700/3 OR ASTM B210

WHERE "D.O.DD" = DIAMETER IN INCHES  
& "TTT" = WALL THICKNESS IN INCHES

EG. 5/8" TUBING WITH 0.049" WALL = M2024T3T0.625W.049



RECEIVED  
MAY 17 2018  
ECN 18-518

A	NEW ISSUE, REF. CAR18-219	DESCRIPTION	RF	BY	DATE
DESIGN	RF	<b>DART AEROSPACE LTD</b>			
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA			
CHECKED	VS	DRAWING NO.	REV. A		
MFG. APPR.	DD	M2024T3T	SHEET 1 OF 1		
APPROVED	HS	TITLE	SCALE		
DE APPR.	CP	2024-T3 TUBING	NTS		
DATE	18.01.16	COPYRIGHT © 2018 BY DART AEROSPACE LTD			

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024 T3T1.0002d-065

PO / BATCH NO.: P0041405/5132394

DATE: 18/11/28

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000"

QUANTITY RECEIVED: 312 Lt

THICKNESS RECEIVED: 1.000"

QUANTITY INSPECTED: 312 Lt

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	Y N	
CORROSION	Y N	
CORRECT GRAIN DIRECTION	Y N	
CORRECT MATERIAL PER M-DRAWING	Y N	AMS 4088
CORRECT THICKNESS	Y N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	Y N	MT. F00281947 0001
CORRECT MATERIAL IDENTIFICATION	Y N	
CORRECT M# ON THE MATERIAL	Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>18/11/28</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in